

Claims

1. A printing system (1) performing printing on the basis of digital data, comprising:

- 5 a plurality of unit controllers (20); and
a server controller (10) totally managing said plurality of unit controllers, wherein

said server controller has command means commanding such purport that a process of creating a plurality of separate plate data is shard between the plurality of unit
10 controllers, said plurality of separate plate data being created by separating digital data of objective printed matter into a plurality of color components and rasterizing the same, and

each of said plurality of unit controllers has separate plate data creation means creating at least one separate plate data among said plurality of separate plate data from
15 the digital data of said objective printed matter on the basis of the command by said command means.

2. The printing system according to claim 1,

further comprising:

- 20 a plurality of printing units (30) corresponding to said plurality of unit controllers respectively, wherein

each of said plurality of unit controllers transfers, with respect to the corresponding printing unit, at least one separate plate data whose printing output is taken charge of in said printing unit.

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3. The printing system according to claim 2, wherein

said server controller has separate plate data storage means storing said plurality of separate plate data created in said plurality of unit controllers, and

each of said unit controllers transfers the separate plate data stored in said
5 separate plate data storage means of said server controller to said printing unit provided in correspondence to each unit controller.

4. The printing system according to claim 3, wherein

said server controller has monitoring means monitoring work contents of each
10 of said plurality of unit controllers.

5. A server controller (10) in a printing system performing printing on the basis of digital data, comprising:

command generation means generating a command of such purport that a
15 process of creating a plurality of separate plate data is shard between the plurality of unit controllers, said plurality of separate plate data being created by separating digital data of objective printed matter into a plurality of color components and rasterizing the same; and

transmission means transmitting said command to said plurality of unit
20 controllers.

6. A unit controller (20) in a printing system performing printing on the basis of digital data, comprising:

acceptance means accepting a command signal; and
25 separate plate data creation means creating at least one separate plate data to be

taken charge of in said unit controller among a plurality of separate plate data created by performing separation into a plurality of color components and performing rasterization on the basis of digital data of printed matter to be printed in response to said command signal.